(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 29 September 2005 (29.09.2005)

PCT

(10) International Publication Number WO 2005/091212 A1

(51) International Patent Classification⁷: G08B 13/14, H04Q 7/32

G06K 19/07,

(21) International Application Number:

PCT/SE2004/001474

(22) International Filing Date: 14 October 2004 (14.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0400720-9

22 March 2004 (22.03.2004) SE

(71) Applicant (for all designated States except US): PROTEUS PROFFS ASSISTANS AB [SF/SE]; P.O. Box 3351, S-165 22 Hässelby (SE).

(71) Applicant and

(72) Inventor: HALLBERG, Tor-Björn [SF/SE]; Frögatan 1, S-169 73 Solna (SE).

(74) Agent: ALBIHNS STOCKHOLM AB; P.O. Box 5581, Linnégatan 2, S-114 85 Stockholm (SE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

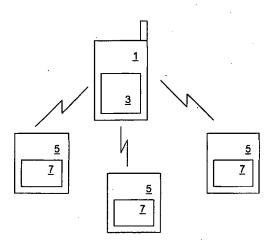
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MONITORING DEVICE, CARRIER DEVICE AND METHOD INVOLVING A MONITORING DEVICE AND A CARRIER DEVICE



(57) Abstract: A method for monitoring the presence of a monitored item comprising the steps of - Transmitting a poll signal from a monitoring device arranged in a mobile telephone or similar, to a carrier device arranged on the monitored item, said poll signal having predetermined characteristics identifying the monitoring device and the carrier device, - transmitting a response signal from the carrier device to the monitoring device in response to said poll signal said response signal enabling the monitoring device to identify and determine the position of the carrier device - taking action if it is determined that the distance between the monitoring device and the carrier device is greater than a predetermined threshold distance. Theft or loss of valuable items can be detected if they are provided with carrier devices according to the invention.

